An innovative soft engineering intervention, comprising an unprecedented 21.5 Mm³ sand nourishment known as the Sand Engine, has recently been implemented on the South Holland coast just north of Ter Heyde, the Netherlands. This intervention complies with earlier ideas as advocated by Per Bruun, our sadly missed coastal scientist in favor of nourishment as a reply to sea level rise. The 21.5 Mm³ Sand Engine nourishment is a pilot project to test the efficacy of local mega-nourishments as a counter measure for the anticipated enhanced coastal recession in the 21st century. The proposed concept*; a single mega-nourishment, is expected to be more efficient, economical and environmentally friendly in the long term than traditional beach and shoreface nourishments presently being used to negate coastal recession. The above picture shows the Sand Engine at low water in March 2013; note the intriguing up drift morphological variability. (Photograph courtesy of Rijkswaterstaat/Joop van Houdt and caption by Marcel Stive).

The Coastal Education and Research Foundation (CERF) is a nonprofit society dedicated to the advancement of the coastal sciences. The Foundation aims to stimulate awareness of coastal (marine and fresh water) shorelines and associated issues; and develop new principles and approaches for enlightened coastal management, and encourage their adoption and use.

This paper meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).
Aims and Scope of the Journal

Journal of Coastal Research, an International Forum for the Littoral Sciences, is dedicated to all aspects of coastal research. These include geology, biology, geomorphology (physical geography), climate, littoral oceanography, hydrography, coastal hydraulics, environmental (resource) management, engineering, and remote sensing. Although each field functions effectively within its own purview, the cross-disciplinary nature of coastal studies requires familiarity with other fields as well. Hence, the scope of topics is necessarily broad in order to address the complexity of coastal biophysical and socio-economic interactions. Because of the wide range of interrelated topics, the journal invites original contributions and manuscripts dealing with theory, methodology, techniques, and field or applied topic studies on interdisciplinary coastal issues.

The journal encourages the dissemination of knowledge and understanding of the coastal zone by promoting cooperation and communication between specialists in different disciplines. Natural scientists, for example, are encouraged to collaborate with professionals in other fields to prepare contributions relating to the coastal zone that foster increased appreciation of coastal environments and processes. By means of this journal, with its scholarly and professional papers, systematic review articles, book and symposia reviews, communications and news, and special topical issues, an international forum for the development of integrated coastal research is provided.

Advertising, Editorial, and Subscription Information

Advertising and Editorial Office: All advertising and editorial correspondence should be sent to Dr. Charles W. Finkl, Editor-in-Chief, Journal of Coastal Research, 5130 NW 54th Street, Coconut Creek, FL 33073, U.S.A. PHONE: 828-333-2300. E-MAIL: cfinkl@cerf-jcr.com.

Subscription Information: The Journal of Coastal Research is a bimonthly publication. Calendar-year (2013) print and online subscription prices for the JCR are: $115.00 for US CERF members / $125.00 for International CERF members ($95.00 for online only), and $519.00 for US institutions / $541.00 for International institutions ($437.00 for online only). Additional surface charges may apply to subscribers located outside of the USA. For additional membership and subscription forms and information, please go to www.CERF-JCR.org. To obtain a membership or subscription form by mail, please send request to Journal of Coastal Research, P.O. Box 7065, Lawrence, KS 66044. Back Issues and Special Issues of the JCR, when available, can be directly purchased at www.CERF-JCR.org.

The Journal of Coastal Research is currently surveyed in Applied Science & Technology Index (H.W. Wilson); Aquatic Sciences & Fisheries Abstracts; BIOBASE; Biological Abstracts; BIOSIS Previews (Thomson); CAB International Abstracts (CABI); CSA Civil Engineering Abstracts (ProQuest); Current Awareness in Biological Sciences (Elsevier); Current Contents/Agriculture, Biology, & Environmental Sciences (Thomson); Ecology Abstracts (ProQuest); Environmental Sciences & Pollution Management; GeoAbstracts [Geographical Abstracts: Physical Geography; Ecological Abstracts; Geological Abstracts; GEOBASE] (Elsevier); GeoRef; Meteorological & Geostrophic Abstracts (ProQuest); Oceanic Abstracts (ProQuest); Oceanographic Literature Review (Elsevier); Physical Sciences Digest (CSA, Elbsco); Pollution Abstracts (ProQuest); Referativnyi Zhurnal; Science Citation Index; SciSearch (Thomson); SCOPUS; Water Resources Abstracts (Bethesda); Zoological Record (Thomson).